



Ministry of Earth Sciences
Government of India
CMLRE

PROFORMA FOR CRUISE PROPOSAL

April 2021- March 2022

[For ORV SAGAR KANYA]

(The brief details of facilities available onboard the vessel are also enclosed).

1.	Major Project / Title:-
2.	Detailed Objectives & Work:-
3.	Name of the Principal Investigator, Organization, address, Tel / Mobile, Fax, e-mail:-
4.	Contact Person / Address with Tel / Mobile, Fax, e-mail details (if other than no.3 above):-
5.	Area of Operation (Note: Please attach proposed cruise track in A4 size) with preferred ports for embarkation / disembarkation:-
6.	Period of the Cruise:- <i>1st Preference : From _____ To _____ Total days: _____</i> <i>2nd Preference : From _____ To _____ Total days: _____</i>
7.	Does the cruise intend collecting time-series/seasonal data? If so, specify the best time required without compromise:-
8.	No. of Participants :-
9.	Details of time frame, source and amount of funding for the Project :-
10.	Does the Project forms part of MoES or National Thrust Programmes or other Departments / Ministries or an institutional R & D effort (PI. give complete details):-
11.	Is there a commitment for providing ship time or funding the ship time costs by the project funding agency:-
12.	Facilities / equipment required for your cruise (May see enclosed onboard

	facilities and provide your preference of vessel):-			
13.	Do you need any support from vessel for fixing the equipment which shall be brought by your team? Pls spell out in detail:-			
14.	Any provision made in the project for procurement of onboard equipment (specify the source & amount):-			
15.	Are there any other organizations involved in the programme. If so, please specify name, role and the name of the nodal agency:-			
16.	Foreign collaboration / priority status of the programme:-			
17.	Remarks:			
18.	Cruise /Feed back report for the previous mission has been submitted : Yes/No			
19.	Has your Institutes/Director approved this request : Yes/No			
20.	Requisite cruise equipments (Other than the list enclosed) shall be brought by the cruise team			
	SI No	Description	Weight	Power requirement
21.				
22.	Declaration:- <i>We hereby agree that we will deposit the raw data and samples to NCPOR on completion of the cruise. I understand that NCPOR shall protect the right of first use for us, who collected the data / samples, by releasing the data / samples to other interested scientists only after the period of two years.</i>			
(Principle Investigator)			Forwarded	
			(Head of the Organization)	

Note :

- 1) The chief scientist of the cruise is requested to arrange
 - a) Ministry of Home Affairs clearance for all the foreign participants.
 - b) Customs clearance for scientific materials & Immigration clearance through their agent or NIOT/NCPOR/CMLRE agent.
 - c) All the requisite scientific equipments along with consumables (other than the list enclosed)shall be brought by the team.
 - d) All the participants shall have medical certificates from the DG approved doctor.
 - e) All the participants shall undergo STCW course as per the latest regulations.
 - f) Insurance for all the scientific equipment and seaman shall be taken by scientist group.
 - g) All the participants shall have yellow fever vaccination during the foreign port call.

(Details of facilities onboard Sagar Kanya are provided below).

ORV SAGAR KANYA



Length OA	: 100.34 m
Breadth	: 16.39 m
Max. draft	: 5.6 m
Gross tonnage	: 4209 GR
Endurance	: 35-40 days
Average Speed	: 8-10 knots
Accommodation	: 31 scientific personnel (5 reserved for AMC / NCPOR)

Major Facilities onboard:-

Geology / Geophysics:

1. SB 3012 Deep Sea Multibeam Echosounder
2. Deep Sea Echosounder (SyQwest 12kHz/ 30 kHz)
3. Shallow Water Echosounder (Skipper ESN 200)
4. G-882 Cesium Magnetometer
5. Geoacoustics Sub-Bottom Profiler*
6. Side Scan Sonar*
7. Pingers
8. 18m Hydraulic Piston Corer
9. 6m Gravity Core
10. Spade Corer
11. Sediment Grabs
12. Pipe Dredges
13. Core Liner Cutter
14. Rock Saw
15. Rock Mill
16. Sieves / Sieve Shaker
17. Agate Morter / Pestle
18. Deep Sea Winch / Cable / A-frame etc (18 Tonnes capacity) / CCTV System
19. Deck Cranes (Max capacity: 12 Tonnes)

Chemical / Biological Oceanography:

1. Skalar Autoanalyser.
2. Hydro-Bios Automatic Multi-Plankton Net
3. UV-Oxidation Unit
4. Titration Unit
5. PALL Water Purifying System
6. Vaccum Pumps
7. pH Meter
8. UV Chamber
9. Rotary Shaker

Physical Oceanography / Meteorology:

1. Seabird & Idronaut CTD (with winch)
2. 24-bottles 1.7 litres Rossette Sea-water Sampling facility.
3. Sippican Expendable Bathy Thermograph (XBT)
4. RDI Teledyne 150 kHz Acoustic Doppler Current Profiler
5. Automatic Weather Station etc.
6. Bucket Thermometer
7. Autosal Salinometer
8. SBE Thermosalinograph
9. Barometer

Others / General:

1. Kongsberg Dynamic Positioning System
2. Hull-mounted Hi-Precision Acoustic Positioning System / Transponders
3. Refrigerators / Deep Freezer
4. Ovens
5. Autoclave
6. Conference facilities / LCD Projectors
7. Computing / Printing / Scanning / CD-DVD writing facilities.
8. Local Area Network (LAN)
9. E-mail / Fax / Phone through Satcom.
10. Wifi Facility
11. State-of-the-art positioning / navigation systems.
12. Spacious deck.

* Equipment are being replaced / upgraded / augmented / under service.

Deck Support:

Basic seamen support for deck operations shall be provided for operating shipboard machineries etc. For any other requirement, the participating organization may bring manpower or give sufficient notice to NCPOR for arranging the same through shipping agents.

(may pls contact mmsubbu@ncpor.res.in or 0832-2525553 for any more information / clarification).

